AMENDMENTS TO THE SPECIFICATION

Please amend paragraph [Para 31] as follows:

[Para 31] Referring generally now to FIGS. 2A-2K, several different deployments of undersea pipelines 18 traversing scarps 12 are shown. FIGS. 2A-2K are merely schematic in nature and therefore are solely for the purpose of describing some of the particular configurations available under the present invention. No specific material or component requirements are to be inferred from viewing the schematics. Furthermore, the reader is not to assume that FIGS. 2A-2K are drawn to any particular or consistent scale or to reflect relative stress conditions. Furthermore, it should be understood by one of ordinary skill in the art that additional tethers 19 (~~not shown~~ see FIGS. 2H and 2I) could be added to stabilize the various embodiments of undersea pipelines 18 traversing scarps 12. These tethers 19, while not necessarily a primary structural support for the pipeline 18 installations, offer secondary restraint to limit the displacement of pipelines 18 as a result of undersea currents. Such tethers 19 can be installed and secured using methods and apparatuses well known to one skilled in the art.

Please amend paragraph [Para 40] as follows:

[Para 40] Referring now to FIG. 2H, a schematic representation of a distributed buoyancy pipeline system 150 in accordance with a sixth alternative embodiment is shown. Unlike systems of FIGS. 2B-2G, distributed buoyancy pipeline system 150 of FIG. 2H does not include a flexure control device. Instead, distributed buoyancy system 150 includes a pipeline 18 extending from an upper portion 14 of a scarp 12 to a bottom portion 16. In traversing scarp 12, pipeline system 150 includes three regions, a positive buoyancy section 152, and two negative buoyancy sections 154A and 154B. Negative buoyancy sections 154A, 154B connect on either side of positive buoyancy section 152 and thereby allow a smooth transition before and after scarp 12 to allow pipeline 18 to approach the upper portion of scarp 12 and the bottom portion 16 tangentially. To prevent pipeline 18 from being displaced significantly by environmental forces, tethers 19 (~~not shown~~) or other mooring systems can be used. The buoyancy of section 152 is can be distributed such that pipeline 18 gently arcs and traverses over scarp 12 without inducing elevated stresses in the pipeline 18 cross section.

Please amend paragraph [Para 42] as follows:

[Para 42] Referring now to FIG. 2I, a schematic representation of a distributed buoyancy pipeline system 160 in accordance with a seventh embodiment is shown. As with the system 150 of FIG. 2H, distributed buoyancy system 160 is constructed so that the flexure control device 36, or anchor, is offset from the cliff edge 14A at the top 14 of scarp 12. Distributed buoyancy system 160 is similar to system 120 of FIG. 2E except that flexure control device 36 is located further back at the top 14 of scarp 12. Distributed buoyancy pipeline system 160 includes a positively buoyed section 162 of pipeline 18 between negatively buoyed sections 164A and 164B of pipeline 18. The buoyancy and length of section 162 are designed to beneficially allow pipeline system 160 to extend further back from cliff edge 14A at top 14 of scarp 12, to a region where the placement of flexure control device 36 might be more appropriate. To reduce or prevent pipeline 18 from being displaced significantly by environmental forces, tethers 19 or other mooring systems can be used.